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Serial No. 10/650,219   Attorney Docket No. 200206922-1
Title: IMAGE DATA CAPTURE METHOD AND APPARATUS

IN THE CLAIMS

1. (Currently Amended) A method of capturing photographic image information, comprising:

   providing a camera with a global positioning system receiver;

   capturing an image with the camera;

   determining a position of an object of the captured image; and

   storing data indicative of the position of the object of the captured image with the image;

wherein determining a position of the captured image comprises:

   obtaining global position coordinates of the camera;

   obtaining a range from the camera to the object;

   obtaining a magnetic bearing of the object; and

   calculating the position of the object of the captured image by translating the range and

magnetic bearing from the global position coordinates to provide coordinates of the object.

2. (Original)   The method of claim 1, wherein the image is digital.

3. (Canceled)

4. (Currently Amended) The method of claim 1 claim 3, and further comprising:

   associating captured data with a physical description of the subject of the captured image.

5. (Original)   The method of claim 4, wherein associating captured data with a physical
description of the subject of the captured image comprises:

   comparing the coordinates of the object of the photograph to a set of known coordinates;
and

   embedding with the captured data textual information about objects having known
coordinates corresponding to the coordinates of the object.

6. (Original)   The method of claim 5, wherein embedding further comprises retrieving textual
information about the object at the known coordinates.

7. (Original)   The method of claim 1, and further comprising:

associating captured data with a physical description of the subject of the captured image.

8. (Original)   The method of claim 7, wherein associating captured data with a physical description of the subject of the captured image comprises:

comparing the coordinates of the object of the photograph to a set of known coordinates; and

embedding with the captured data textual information about objects having known coordinates corresponding to the coordinates of the object.

9. (Original)   A method of capturing photographic image information, comprising:

providing a camera with a global positioning system receiver;

capturing an image with the camera;

obtaining global position coordinates of the camera;

obtaining a range from the camera to the object;

obtaining a magnetic bearing of the object;

calculating the position of the object of the captured image by translating the range and magnetic bearing from the global position coordinates to provide coordinates of the object;

storing data indicative of the position of the object of the captured image with the image; and

associating captured data with a physical description of the subject of the captured image.

10-11. (Canceled)

12. (Currently Amended) A camera, comprising:

a processor;

an image data capture module connected to the processor, the image data capture module to capture image data corresponding to a position of an object of a photograph taken by the camera, the image data capture module comprising a global positioning system to record coordinates of the camera when a photograph is taken, a range finder to record a range to the

object of the photograph when the photograph is taken, and a compass to record a magnetic

bearing of the object of the photograph when the photograph is taken; and

    a storage element connected to the processor for storing images and captured image data;

    wherein the image data capture module captures an image by performing a method

comprising:

    using a global positioning system receiver to determine a camera position;

    capturing an image with the camera;

    determining a position of an object of the captured image by obtaining global position

coordinates of the camera, obtaining a range from the camera to the object, obtaining a magnetic

bearing of the object, and calculating the position of the object of the captured image by

translating the range and magnetic bearing from the global position coordinates to provide

coordinates of the object; and

    storing data indicative of the position of the object of the captured image with the image.

13. (Canceled)

14. (Currently Amended) The camera of claim 12 ~~claim 13~~, wherein the image data capture

module further comprises:

    an inclinometer to record an inclination with respect to level of the camera when a

photograph is taken.

15-21 (Canceled)